(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/111752 A3

(51) International Patent Classification[7]: G06F 1/00

(21) International Application Number:
PCT/NL2004/000422

(22) International Filing Date: 14 June 2004 (14.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/NL03/00436 13 June 2003 (13.06.2003) NL

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

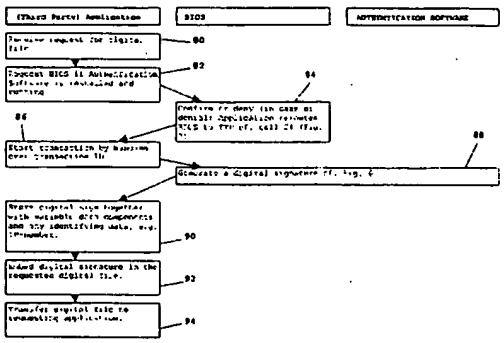
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
17 March 2005

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR PERFORMING A TRANSACTION AND FOR PERFORMING A VERIFICATION OF LEGITIMATE ACCESS TO, OR USE OF DIGITAL DATA



(57) Abstract: A method for performing an electronic transaction is disclosed. The method provides authentication data and authentication software to an electronic device and preferably stored in a secure storage location or other location inaccessible to the user or the operating system of the device. When digital data is requested from a transaction party that requests a digital signature, the authentication software is activated to generate said digital signature from the authentication data. Next, the digital signature is provided to the other transaction party, which then provides the requested digital data. The digital signature may be embedded in the requested and provided digital data. Further, a method for performing a verification of legitimate use of digital data is disclosed. Digital data digitally signed according to the present invention may only be accessed if the embedded digital signature is identical to a regenerated digital signature that is regenerated by the authentication software, using user inaccessible authentication data installed on the device. If the embedded and regenerated digital signatures are not identical, the data may not be accessed and an error signal is generated.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Intern...l Application No
PCT/NL2004/000422

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/112162 A1 (COCOTIS THOMAS ANDREW ET AL) 15 August 2002 (2002-08-15) abstract paragraph [0095] paragraph [0043] paragraph [0067] -----	1-27,29, 30
X	US 2002/112171 A1 (GINTER KARL L ET AL) 15 August 2002 (2002-08-15) abstract paragraph [0602] paragraph [1302] paragraph [1085] paragraph [1813] paragraph [1913] figures 6-8,35-38,68-71,75 ----- -/--	1-27,29, 30

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

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Date of the actual completion of the international search	Date of mailing of the international search report
18 October 2004	25/01/2005

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Kleiber, M

Form PCT/ISA/210 (second sheet) (January 2004)

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 338 381 A (BARCLAYS BANK PLC) 15 December 1999 (1999-12-15) abstract figures 1,5,11 page 2, line 18 - page 4, line 7 page 5, line 10 - line 22 page 6, line 11 - line 15 page 10, line 1 - line 20 page 11, line 3 - page 12, line 8 page 14, line 1 - line 18 page 17, line 5 - page 18, line 22 ---	1-27,29, 30
A	BENNET YEE: "Using Secure Coprocessors" THESIS SUBMITTED TO THE SCHOOL OF COMPUTER SCIENCE FOR THE DEGREE OF DOCTOR OF PHILOSOPHY, XX, XX, May 1994 (1994-05), page COMPLETE, XP002120312 the whole document ---	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2004/000422

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-27, 29, 30

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-27,29-30

   Method for perfoming an electronic transaction using authentication software.

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2. claims: 28,31

   Method for encrypting digital data using a session specific key

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INTERNATIONAL SEARCH REPORT

Interr I Application No
PCT/NL2004/000422

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